

Induced Thermal Decomposition of Hydrocarbons.
Part 3. Thermal Dehydrogenation of Cyclopentene.
Studies on the Pyrolysis of Cyclopentene, by
H. Tanji.
JAPANESE, per, Kogyo Kagaku Zasshi, Vol 70,
No 3, 1967, pp 307-311.
ATS-JS-248

Sci-Chem
Mar 70

403,912

Fuel Cell Using Manganese Redox Reaction, by
F. Takahashi, et al.
JAPANESE, per, Kogyo Kagaku Zasshi, No 70, 1967,
pp 296-299.
*AFCL

Sci/Chem
May 69

Synthesis of Ethylene Glycol Monooleate
From Oleic Acid and Ethylene Oxide,
by T. Kyuma.
JAPANESE, por, Kogyo Kagaku Zasshi,
Vol 70, 1967, pp 169-172.
NTC 72-10923-07C

May 72

Activity of a Modified Nickel-Carbon Catalyst in
the Polymerization of Ethylene, by T. Tadodoro.
JAPANESE, per, Kogyo Kagaku Zasshi, Vol 70, No 2,
1967, pp 144-147.
NTC-71-11870-07C

Nov 71

Catalyst Deterioration and the Effect of Intra-
particle Diffusion During the Dehydrogenation
of n-butane, by K. Suga.
JAPANESE, per, Kogyo Kagaku Zasshi, Vol 70,
No 2, 1967, pp 136-141.
ATS-JB-247

Sci-Chem
Mar 70

403,911

Oxidation of Methylanthalene With
Ammonia, by N. Sekine.
JAPANESE, per, Kogyo Kagaku Zasshi,
Vol 70, No 1, 1967, pp 59-63.
NTC 72-10821-07C

Apr 72

Relative Responses of Organic Compounds in
Radioactive Ionization Detector, by
Tsugio Takeuchi.
JAPANESE, per, Kogyo Kagaku Zasshi, Vol 70,
1967, pp 33-36.
*AEC 127-93

Sci-Phys
Jul 68

Differential Thermal Analysis of Poly-
ethylene Terephthalate Fine Structure and
Melting Behavior, by T. Yubayashi, et al.
JAPANESE, per, Kogyo Kagaku Zasshi, Vol
69, No 9, 1966, pp 1789-1802.
NLL Ref: 5828.4F (7341)

Sci-Phys
Mar 69

377,2729

Studies of the Effect of Heat Treatment
and Drawing of Polyethylene Terephthalate
by Differential Thermal Analysis, by
H. Kanetsuna, K. Maeda.

JAPANESE, per, Kogyo Kagaku Zasshi, Vol
69, No 9, 1966, pp 1784-1789.

NLL Ref: 5828.4F (7336)

Sci-Phys
Mar 69

377,276

Change in Surface Properties as a Result of
Crystal Transformation. Part 1. Crystal Trans-
formation of Copper and Nickel Phthalocyanines
by Treatment in Trichlorobenzene and Changes
in Their Heats of Imersion on Crystal Trans-
formation, by K. Naguro, et al,
JAPANESE per, Kogyo Kagaku Zasshi, Vol LXIX,
No 9, 1966, pp 1725-1727.
ATS JJ-4694

Sci-Phys
Jul 67

329,117

Studies on the Manufacture of Propylene Oxide.
Part 5. Synthesis of Propylene Oxide by the
Oxidation of Propylene with Peracetic Acid Under
Pressure, by J. Imamura.
JAPANESE, per, Kogyo Kagaku Zasshi, Vol 69, No 8,
1966, pp 1459-1462.
ATS-JB-259

Sci-Chem
Mar 70

403,922

Hydrolysis of Polypyr omellitimidu, by
S. Nishizaki.
JAPANESE, per, Kogyo Kagaky Zasshi, Vol 69,
No 7, 1966, pp. 1393-5
NTC 69-10643-07C

Sci-Chem
July 69

386,702

Effect of Electrolytes on Silver Bromide Sols
Containing Polyvinyl Alcohol, by Keiichi Tanaka,
and Etsuo Fujii, *6 pp.*
JAPANESE, per, Kogyo Kagaku Zasshi, Vol 69, No 7, ¹⁹66,
pp 1347-1350,

JPRS CSO NY 13588

Japan
Chemical
Feb 67

318,130

Formation of Acetylene from Coal by Argon Plasma,
by Y. Kawara.

JAPANESE, for, Kogyo Kagaku Zasshi, Vol 69,
No 6, 1966, pp 1144-1150.

ATS-JS-236

Sci-Phys
Mar 70

403,901

Pressure Effects on the Formation of Compounds
in the $Y_2O_3-Al_2O_3$ System, by SHIGETARU Iwaka,
JAPANESE, per, Kogyo Kagaku Zasshi, Vol 69, 1966
pp 1112-1116. TS1112966

AEC LA-tr-66-64

Chem Trans Sv 2911

Sci/Chemistry
Jan 67

136,199

Decomposition of Phenylazotriphenylimantane in
Benzene, by M. Harada.
JAPANESE, per, Kogyo Kagaku Zasshi, Vol 69, No 5,
1966, pp 962-966.
ATS-JS-256

Sci-Chem
Mar 70

403,919

Electrical Conductivities of TCMQ Molecular
Complexes of the Polymer-Containing Pyridine
Rings, by H. Inoue.
JAPANESE, per, Kogyo Kagaku Zasshi, Vol. 69,
1966, pp 774-776.
Chem Trans Sv. 2800

321,746

Sci - Electronics and Electrical Engineering
Mar 67

Polymerization of N-Carboxy-DL-Alanine
Anhydride, by M. Oya.
JAPANESE, per, Kogyo Kagaku Zasshi, Vol 69,
No 4, 1966, pp 741-745.
NTC-71-15429-07C

Feb 72

Electrostatic Properties of High
Polymers Investigated by the Contact -
Separation Charging Method, by
E. Tsuchida.
JAPANESE, par, Kogyo Kagaku Zasshi,
Vol 69, 1966, pp 690-694.
NTC 72-10920-11I

May 72

Effect of Pressure on the Detonation Limit of
Ethylene, by Y. Hashiguchi.

JAPANESE, per, Kogyo Kagaku Zasshi, Vol 69,
No 4, 1966, pp 593-597.

ATS-JS-261

Chem Trans. No 2772

Sci-Chem
Mar 70

403,924

The Potentiometric Determination of Primary
Aromatic Amines by a Diazo Titration Using a
Glassy Carbon Electrode, by Tsugio Takeuchi,
Tomoo Miwa,
JAPANESE, per, Kogyo Kagaku Zasshi, Vol 69, 1966,
pp 398-401. 9233472
AEC ORNL-tr-1276

Sci/Chemistry
Aug 66

306,343

Electrical Resistivity of Carbon Black-kmolin
Composite Sintered Materials. Part 7. Electrical
Resistivity of Loosely Packed Carbon Black as
a Function of Bulk Density, by E. Kato,
M. Hasegawa.
JAPANESE, per, Kogyo Kagaku Zasshi, Vol 69,
No 3, 1966, pp 392-398.
ATS-JS-212

Sci-Chem
Mar 70

403,882

Electrical Resistivity of Carbon Black-Kaolin
Composite Sintered Materials. Part 6. Electrical
Resistivity of Loosely Packed Carbon Black as a
Function of Pressure, by E. Kato, M. Hasegawa.
JAPANESE, per, Kogyo Kagaku Zasshi, Vol 69,
No 3, 1966, pp 384-391.
ATS-JS-211

Sci-Chem
Mar 70

403,881

Some Factors Affecting Crystal Growth of Cubic
Boron Nitride, by K. Kudaka, et al.
JAPANESE, per, Kogyo Kagaku Zasshi, Vol 69,
1966, pp 365-369.
NTC 71-13815-20B

Feb 72

Picatinny Arsenal 47-69/e

R-9827-D

10 Oct 60

A New Method for the ^cetermination of Kinetic Parameters
in Solid State Reactions

By: T. KUBO, et al

From: Kogyo Kagaku Zasshi Vol 69, No 3, 1966: 357-361
(5 pp)

Japanese - est for wds:

Please translate and type 1 copy only.

Oligomerisation of Isoprene, by K. Suga,
S. Watanabe.

JAPANESE, per, Kogyo Kagaku Zasshi,

Vol 69, 1965, pp 344-355.

NASA TT F-11,847

Sci
Dec 68

371,150

Crystal Modifications and Dynamic Visco-
elastic Behavior of Isotactic Poly-1-
Butene, by H. Yasuda, Y. Tanda.
JAPANESE, per, Kogyo Kagaku Zasshi, Vol 69,
No 2, 1966, pp 304-309.
NTC 69-11484-07D

Sci-Chem
July 69

387,089

(1) C. (ORNL-15-2016) VAPOR-LIQUID EQUILIBRIA BETWEEN LIQUID CARBON DIOXIDE AND HYDROGEN, NITROGEN, AND OXYGEN. Kaminishi, Genichi; Toriumi, Tatsuro.
Translated by H. Kubota (Oak Ridge National Lab., Tenn.), from
Kogyo Kagaku Zashi; 69: No. 2, 175-8 (1966). 2015p. 24Dep. NTIS.

26Chemistry (physical); translations 2707D

28MN-4 29P NSA

Styrene Producing Reaction of Iodomethylzinc
Complex and Benzaldehyde, by H. Hashimoto.
JAPANESE, per, Kogyo Kagaku Zasshi, Vol 69,
No 1, 1966, pp 174.
NTC-70-13113-07C

Feb 72

Reaction of Zinc-methylene Complex with Benzaldehyde, by S. Miyano, M. Hida.

JAPANESE, per, Kogyo Kagaku Zasshi, Vol 69, No 1, 1966, pp 106-109.

NTC 69-15562-07C

Sci-Chem

Dec 69

398,430

Vapor-Phase Oxidation of Ethylene to Ethylene
Oxide. Part 3. Effect of Reaction Pressure and
Oxygen Concentration on the Production of
Ethylene Oxide Over Silver Catalyst, by
K. Hirose, T. Hirayama.
JAPANESE, per, Kogyo Kagaku Zasshi,
Vol 69, No 1, 1966, pp 45-51.
ATS-4777

Sci
Dec 68

368,710

Copolymerization of 4-Methylpentene-1 With
Hexene-1, by A. Yuji.
JAPANESE, per, Kogyo Kagaku Zasshi, Vol. 68,
No 12, 1965, pp 2487-2490.
Chem Trans Sv 3103

321,788

Sci - Chemistry
Apr 67

M. Hirooka

Retarding Effect of Dienes and Acetylenes
on the Polymerisation of Propylene With a
Natta Catalyst.
JAPANESE, per, Kogyo Kagaku Zasshi, Vol 68,
1965, pp 2482-2486.
Order from RAP as RAPRA 1586. \$23.00
NTC 72-60667-07C

Nov 72

Extraction Studies of Brazilian
Aluminum Phosphate Ore by the Dry
Soda and Soda Lime Processes, by
T. Arimori.
JAPANESE, per, Kogyo Kagaku Zasshi,
Vol 68, 1965, pp 2338-2341.
NTC 72-10446-07A

Apr 72

Viscosity of the Slurry Produced in
the Ammoniation of Phosphoric Acid
Mixtures, by J. Ando.
JAPANESE, per, Kogyo Kagaku Zasshi,
Vol, 68, 1965, pp 2327-2331.
NTC 72-10445--07A

Apr 72

Degree of Swelling in Anionic Active Agent Aqueous
Solutions of the Polypropylene Fiber Pyren and
the Polyamide Fiber 6-Nylon. Effect of Active
Agent Concentration, Salt Concentration, and
pH, by Y. Iwadare, M. Sasaki.
JAPANESE, per, Kogyo Kagaku Zasshi, Vol 68, No 11,
1965, pp 2169-2172.
NTC 69-11289-118

Sci-Mat
July 69

387,119

The Rate of Quaternization of Pyridine with
Dodecyl Bromide in Hydroxylic Solvents, by
K. Murai & C. Kimura.

JAPANESE, per, Kogyo Kagaku Zasshi, Vol 68,
No 11, 1965, pp 2093-2096.

ACSI J-4280

ID 2204003358

Sci/Chem
Apr 68

351,202

Design of a Non-Dispersive Ultraviolet Gas
Analyzer and Its Application to Quantitative
Measurement of Traces of Toxic Gases and
Vapors in Air, by H. Konosu, Y. Machiko, 14 pp.
JAPANESE, per: Kogyo Kagaku Zasshi, Vol LXVIII,
1965, pp 1868-1872. 299,635
Dept of Navy Tr 4384/ONE Tr 2127

Sci-m
Apr 66

299,635

The Correlation Between Bonding States
and Catalytic Properties of Carrier
Supported Copper Catalysts, by
F. Nozaki.
JAPANESE, per, Kogyo Kagaku Zasshi,
Vol 68, 1965, pp 1827-1831
NTC 72-11531-07D

June 72

Preparation and Thermal Degradation of
Polyimide Containing Naphthalene Nucleus
in its Main Chain, by S. Miahizaki,
JAPANESE, per, Kogyo Kagaku Zasshi,
Vol 68, 1965, pp 1756- 61.
SLA TT-66-10777

331, 436

Sci - Chem
Jul 67

Studies on the Polyesters of Phthalic
Acids. Part IV. Condensation Equilibrium
in the Reaction of Terephthalic Acid with
Ethylene Glycol, by M. Sumoto,
Y. Hasegawa.

JAPANESE, per, Kogyo Kagaku Zasshi, Vol
68, No 9, 1965, pp 1693-1697.
NTC 69-11486-07C

Sci-Chem
July 69

387,072

Studies on Concentrating Salt Solutions by Ion-Exchange Membranes. I. Conditions and Analysis of Electroconcentration, by M. Tasaka and I. Kagawa.

JAPANESE, per, Kogyo Kagaku Zasshi, Vol 68, No 9, 1965, pp 1646-1651.
Chem Trans Sv 2252

Sci - Chemistry
Apr 67

324,648

Analysis of Automobile Exhaust Gas
When Propane is Used as the Fuel,
by K. Hiramatsu,
JAPANESE, per, Kogyo Kagaku Zasshi,
Vol LXVIII, No 8, 1965, pp 1617-1618.
NASA TT F-9750

U. S. GOVERNMENT USE ONLY
SCI-Fuels & Prop
April 66

298,560

Defect Structure of Borate Glasses Irradiated
with Gamma-Rays, by Yasuo Nakai.
JAPANESE, per, Kogyo Kagaku Zasshi, Vol. 68,
No 8, 1965, pp 1538-1543.
BSJ Tr-85

324,395

Sci - Nuclear Science
May 67

Proton Magnetic Resonance and Dielectric
Dispersion of Zeolites, by R. Kiriya,
H. Kiriya.
JAPANESE, per, Kogyo Kagaku Zasshi, Vol
68, No 8, 1965, pp 1485-1490.
Dept of Navy NRL Trans-1156

Sci-Chem
Jan 69

373,535

Magnetic Resonance Symposium. Application
of the High Resolution Nuclear Magnetic
Resonance Method in Industrial Analytical
Chemistry, by T. Takaschi, M. Yamazaki.
JAPANESE, per, Ihaya Kagaku, Vol 68, No 8,
1965, pp 1313-1322.
Chem Trans Sv 2027

319,940

Sci - Chemistry
Mar 67
\$29.00

Effect of Binders on the Manufacture of Graphite
Materials. Part 3. Effect of Binders on the
Physical Properties of Graphite Materials, by
Y. Takauchi, J. Okada.
JAPANESE, per, Kogyo Kagaku Zasshi, Vol 68,
No 7, 1965, pp 1181-1194.
ATS-JS-213

Sci-Materials
Mar 70

403,883

Yield Strength of Polypropylene, by S. Kamanouchi.
JAPANESE, par. Kogyo Kagaku Zasshi, Vol 68, No 6,
1965, pp 1094-1097.
NLL 5828.4F (5934)

Sci-Mech Engr
Jul 68

361,620

Polymerization and Copolymerization of
BIS (B-Chloroethyl) Vinylphosphonate, by
S. Konya.
JAPANESE, per, Kogyo Kagaku Zasshi, Vol 68,
No 6, 1965, pp 1080-1085.
NTC-70-12820-07C

Feb 72

Quantitative Analysis by Gas Chromato-
graphy of Synthetic Rubber Pyrolyzates
obtained by the Use of a Commercial
Pipette-Type Pyrolyzer, by M. Kakugo.
JAPANESE, per, Kogyo Kagaku Zasshi,
Vol 68, 1965, pp 1066-1070.
NTC 72-10543-07C

Apr 72

Application of Polycondensation Type Photosensitive
Resins to Printing Platen, by J. S. Shim.
JAPANESE, per, Kogyo Kagaku Zasshi. Vol. 68, 1965
pp 1013-1016
GB 131/T 4864

Sci -
Aug 67

337-207

NCH-202 836

Field 111

Shim Jyong-sup.
PHOTOGRAPHIC REACTIONS OF POLY CONDENSATION
TYPE LIGHT SENSITIVE RESINS. 1965, 12p. TC-1257.
Order from TC: \$12.00 as TC-1257

Trans. of Kogyo Kagaku Zasshi (Japan) v68 n6 p1009-12
1965.

GP 131/7 4885

I. Trans Chem, Knoxville,
Tenn.

Some Carbonaceous Products Produced During
Combustion of Liquid Hydrocarbon Fuel, by
T. Sakai, S. Sugiyama.
JAPANESE, par. Kogyo Kagaku Zasshi, Vol 68,
No 4, 1965, pp 736-737.
NII Ref: 9022.09 (4488)

Sci-Prop and Fuels
Aug 68

361.093

Radiation-Induced Copolymerization of Carbon
Monoxide With α -Olefines; Such as Propylene,
Butene-1, and Isobutylene, by Kinuo HAMANAKI,
Yoshio TABATA, Hiroshi SOBE, 9 pp.
JAPANESE, par, Kogyo Kagaku Zasshi, Vol 68,
No 4, 1965, pp 700-702. F91122367
AEC NSJ Tr-74

331,154

Sci - Chemistry
Jul 67

The Effects of Preirradiation on the Activities
of Solid Acidic Catalysts, by Akio MITSUHASHI,
Tamotsu HIGUCHI, Yoshito HAMAMOTO, 18 pp.
JAPANESE, per, Kagaku Kagaku Zasshi, Vol 68,
No 4, 1965, pp 697-709. F911228067
AEC NSJ Tr-73

331,155

Sci - Chemistry
Jul 67

Studies of a Dust Tube Used for Measuring
the Concentration of Smoke Dust in Gaseous
Waste in Smoke Stacks, by Y. Himi.
JAPANESE, per, Kogyo Kagaku Zasshi, Vol 68,
1965, pp 589-593.
NTC-71-15477-07A

Feb 72

Radiation-Induced Copolymerization of Tetrafluoro-
ethylene With Isobutylene. 1. Synthesis of the
Copolymer, by Kenkichi ISHIGURE, Yoneho TABATA,
Keichi OSHIMA, Hiroshi SOBUE, 9 pp.
JAPANESE, per, Kogyo Kagaku Zasshi, Vol 68, No 3,
1965, pp 558-561. P911222767
AEC NSJ Tr-75

331,153

Sci - Chem

Jul 67

Solvent Effects in Reactions of Pyridine and
Dodecyl Bromide.

JAPANESE, for, Kogyo Kagaku Zasshi, Vol 68,
No 3, 1965, pp 504-506.

ACSI J-4281
ID 2204003468

Sci/Chem
Apr 68

351,203

TT-65-14167

Field 7C

Nishizaki, S.; Fukami, A.
PREPARATION OF POLYIMIDES BY POLYCONDENSATION
WITH HYDROGEN CHLORIDE ELIMINATION. 8p (figs
tables some formulae 3 refs omitted) 3 refs.
Order from SLA: \$1.13 as TT-65-14167

Trans. of Kogyo Kagaku Zasshi (Japan) v68 n2 p383-7 1965.

MR 675

Synthesis and Polymerization of 2-Vinyl-
Bicyclo (2,2,1)-Heptane, by M. Imoto.
JAPANESE, per, Kogyo Kagaku Zasshi,
Vol 68, 1965, pp 369-373.
NTC 72-10544-07C

Apr 72

Studies on the Oxidation of Alkylbenzenes.
Part II. Impurities in Terephthalic
Acid Prepared by the Liquid-phase Aerial
Oxidation of p-Xylene, by M. Shigoyasu,
T. Ozaki.
JAPANESE, per, Kogyo Kagaku Zasshi, Vol
68, No 2, 1965, pp 304-307.
NTC 69-11485-07C

Sci-Chem
July 69

387,071

Studies on the Pyrolysis of Organic Chlorides.
Part IV. Co-pyrolysis of 1,2-dichloroethane
and 1,1,2,2-tetrachloroethane, by
T. Onouchi.

JAPANESE, per, Kogyo Kagaku Zasshi, Vol 68,
1965, pp 289-292.
NWC-69-16134-07C

Sci-Chem
Feb 70

402,900

Titanium Dioxide Light-Sensitive Paper for
Electrophotography, by H. Nozaki, K. Katsuya,
JAPANESE, per, Kogyo Kagaku Zasshi, Vol
LXVIII, No 2, 1965, pp 269-272.
AFS JS-50

Sci-Phys
Apr 67

324,754

TT-65-14166

Field 11F

Torkat, N.
MECHANISM OF CALCIUM CARBIDE PRODUCING FUSED-
PHASE REACTION. 5p (figs tables omitted) 4refs.
Order from SLA: \$1.13 as TT-65-14166

Trans. of Kogyo Kagaku Zasshi (Japan) v68 n1 p174-9 1965.

MR 675

v
KOGYO KAGAKU ZASSHI

ALSO SEE

J CHEM SOC JAPAN IND CHEM SECT

The Reactivity of Sodium Chlorate, by E. Osada.
20 pp.

JAPANESE, per, Kogyo Kagaku Kyokaiishi, Vol 27,
No 2, 1966, pp 91-100.

NASA TT F-12,679

Sci-Chem
Jan 70

400,401

KOGYO KAGAKU KYOKAISEI
1965 V26 N6 P41-46

J-9209 <EYS>

ORDEE: FROM NTC

A Study of Fabric Lustre, by K. Inagaki,
N. Akagawa.
JAPANESE, per. Kogyo Gijyutaiun Sen'i Kogyo
Shikensho Kenkyu Kokoku, Vol 73, No 9, 1965.
pp 79-85.
NLL 5828.4E (5952)

Sol-Mat
Jul 68

361,661.

Industrial Wastes Treatment by Activated
Sludge. Report No. 17. Synthetic De-
tergents Biodegradability and Tolerance
of Activated Sludge, by M. Dazai.
JAPANESE, per, Kogyo Giutsu-In Hakko
Konkyusho Kenkyu Hokoku, Vol 34, 1968,
pp 1-8.
NTC 72-10831-13B

Apr 72

Diffusion of a Small Molecule in a Polymer
Solution, by S. Hoshino, K. Sato.
JAPANESE, per, Kogaku Kagaku, Vol 31, 1967, pp.
961-966.

NLL Ref: 9022.81 (2484)

sci-chem
sept 69

391,060

Wakimoto, Tadaki, Ryo atsukawa and Tsunehiko 1971
Ogawa

Analysis for residues of polychlorinated biphenyls in
waters, soils and biological materials (PCB no zangsu
bunseki ho)

Kogai to Kaisaku (Pollution and Countermeasures), 7 (6):
517-522. In Japanese.

Transl. by Transl. Bur., Egn. Lang. Div., Dept. of Sec. of
State of Canada, for Dept. of the Environ., FRDC Biological
Station, St. Andrews, N. B., 1972, as Transl. Series No. 2185,
17p., typescript.

Avail. on Loan - NMFS, Wash., D. C.

Original Article Checked. *WAK*

Tatsukawa, Pyo

1971

A new environmental pollutant -- polychlorinated biphenyls
(Aharashii kankyo oshobushitsu -- enkujifonitru (EC))
Kozai to Aisaku (Pollution and Countermeasures), 2 (5):
419-425. In Japanese.

Transl. by Transl. Bur., Egn. Lang. Div., Dept. of Sec. of
State of Canada, for Dept. of the Environ., ENCO Biological
Station, St. Andrews, N. B., 1972, as Transl. Series No. 2184,
26p., typescript.

Avail. on Loan - NMPS, Wash., D. C.

Original Article Checked *llc*

Manual Methods and Automatic Continuous Instruments for Measuring Gaseous Air Pollutants, by N. Yamate.

JAPANESE, per, Korai to Taisaku, Vol 5, No 10, 1969, pp 785-796.

NTC 71-13729-13B

Feb 72

Liquid Incineration of Industrial Waste, by
M. Tada.
JAPANESE, per, Kogai to Taisaku, Vol 5, No 7,
1969, pp 37-41.
NTC 71-13727-13B

Feb 72

Radioactivity Contamination of the Ocean--
Concentration and Accumulation by Living Organisms
and Minamata Disease, by Makiyama Kenji, 17 pp.
JAPANESE, per, Kogai to Taisaku, Vol 4, No 5, 1969,
pp 255-263.

Dept of Interior
BCF/OFF
A-35-Jan 1970-No 153
On Loan

Sci/BQM
Apr 70

405,557

Fisheries and Public Damage From Atomic Power -- A
Proposal to Stop Radioactivity Contamination of
Coastal Waters, by Makihara Kenji, 19 pp.
JAPANESE, per, Kogai to Taisaku, Vol 4, No 4, 1969,
pp 299-304.

Dept of Interior
BCF/OFF
A-35-Jan 1970-No 154
On Loan

Sci/Phys
Apr 70

405,558

Plans and Operational Examples of Filter
Type Dust Collector Systems in Various
Industries. Part VI. Bag Filters in
the Metal Industry, by Y. Kato.
JAPANESE, per, Kogai to Taisaku, Vol 4,
No 10, 1968, pp 663-668.
NTC 72-10332-13B

Apr 72

Present Status and Future Prospects
of Automobile Exhaust Control,
by K. Hisashi.
JAPANESE, per, Kogai to Taisaku,
Vol 4, No 7, 1968, pp 405-409
NTC 72-11836-21B

June 72

Air Pollution Control in Aluminum Works Under Alkali
and Works Regulation Acts in England and Wales, by
M. Fujiwara.
JAPANESE, per, Kogai to Taigaku, Vol 3, No 3, 1967,
pp 147-149.
NTC-71-11942-13B

Nov 71

Installation Plans and Operational Efficiency
of Electrical Precipitators in Various Industries.
Part V. Smoke Abatement in the Cement Industry,
by K. Hashimoto.
JAPANESE, per, Kogai to Taisaku, Vol 3, No 3,
1967, pp 31-40.
NTC 71-14148-13B

Feb 72

Examples of Gas Injury by Hydro Fluoric Acid and
Nitrogen Dioxide and Removal of the Gases from
Waste Gas, by S. Fukui.

JAPANESE, per, Kogai to Taisaku, Vol 2, No 7, 1966,
pp 481-486.

NTC-71-11940-13B

Nov 71

Emission Sources of HCl and NH₃ and Standard
Control Equipment.
JAPANESE, per, Kogai to Taisaku, Vol 2, No 7,
1966, pp 461-466.
NTG 71-14514-07A

Feb 72

Methods for Measuring Gaseous Air Pollutants, by
M. Torabe.
JAPANESE, per, Kogai to Taisaku, Vol 2, No 7, 1966,
pp 453-459.
NTC-71-11941-13B

Nov 71

Disposal of Hydrogen Sulfide and Sulfur Recovery
in Petroleum Refineries, by T. Ariyoshi.
JAPANESE, per, Korai to Taishu, Vol 2, No 7,
1966, pp 27-32.
NTC 71-13728-21D

Feb 72

Hydrodesulfurization of Residual Oil. Long Run
Test, by Y. Koinuma.
JAPANESE, per, Kogai (Hakua Shobo), Vol. 6, 1971,
pp 373-390.
NTC 72-14456-07A

Jan 73

Improving the Quality of College Foreign
Language Education, by Kim Ch'ang-sun,
6 pp.

KOREAN, per, Kidung Kyoruk, Jul 1965,
pp. 14-17.
JPRS 32744

FE-Korea.

Econ

Nov 65

291,178

Colleges Must Demonstrate the Revolutionary
Spirit of Self-Reliance, by Ch'oe Chae-o,
6 pp.
KOREAN, per, Kedung Kyoyuk, Jul 1965, pp. 6-9.
JPRS 32744

FE-Korea.
Soc
Nov 65

291,177

Thoroughly Establish a Revolutionary Atti-
tude Toward Learning in College Students,
7 pp.

KOREAN, per, Kichung Kyoyuk, Jul 1965, pp. 2-6.
JPRS 32744

FE-Korea.

Soc

Nov 65

291,176

Task of the College Suroch'ong Committee
in Revolutionizing Young Students, by Kim
Yun-Kyu, 6 pp.
KOREAN, var, Kodung Kyoyuk, No 5, May 1965,
pp. 8-10.
JPRS 31929

FE-Korea
Soc
Oct 65

289,586

Let Us Manage Our Colleges More Efficiently,
by Chi Myon-sik, 5 pp.
KOREAN, rer, Kodung Kyoyuk, No 5, May 1965,
pp. 5-7.
JPRS 31929

FE-Korea
Soc
Oct 65

289,585

How to Establish a System in Medical Education, by Kim Pae-jun, 5 pp.
KOREAN, per, Kodung Kygyuk, No 5, May 1965,
pp. 2-4.
JPRS 31929

FE-Korea
Soc
Oct 65

209,587

For Embodying the Taean Work System in Edu-
cation, by Kwak Yong-mi, 9 pp.
KOREAN, per, Kodung Kyoyuk, Apr 1965,
pp 7-12
JPRS 33441 31241

FE- Korea
SpC
Aug 65

285,492

College Teachers are Enjoined to Further
Revolutionize Themselves, by Chon Tsh-guk,
KOREAN, per. Kochung Kyonuk, Apr 1965,
pp 2-6,
JPRS- 31241

FE- Korea
Soc
Aug 65

205,491

AEC (SC-T-713035) SURVEY OF FILM DEVELOPERS
ADAPTED FOR X-RAY INTENSITY MEASUREMENTS. Ohnaka,
Masamichi; Suono, Shigeho. Translated by O. Philippi (Sandia
Labs., Albuquerque, N. Mex.), from Kobutsugaku Zasshi; 8:
304-15(1967). 19p. Dep. NTIS.

25

26crystallography; instrumentation; translations 2720B, 1SD

28MN-37 29P NSA

Flame Retardants and Their Application,
by K. Masuda.
JAPANESE, per, Kobunshi Kako, Vol 19,
No 12, 1970, pp 699-707
NTC 72-60233-11I

July 72

Studies on the Mechanism of Flame Retardancy of Plastic
by Y. Muto.

JAPANESE, per, Kobunshi Kako, Vol 19, No 12, 1970,
pp 690-698.
ATS-JS-318

NTC 72-60234-11I

April 72

Flame Retardants and Their Application.
JAPANESE, per, Kobunshi Kako, Vol 14, No 12, 1970,
pp 699-707.
ATS-JS-292

April 72

Present Status of Flame Retardancy of Fibers in
Europe and the United States, by Y. Kosaka,
JAPANESE, per, Kobunshi Kako, No 12, 1970, pp 704-716.
ATS-JS-293

June 72

Rheological Behavior of PVA-PVAc Block and Graft
Copolymers, by M. Nagano.
JAPANESE, per, Kobunshi Kagaku, Vol 28, No 310,
1971, pp 116-122.
ATS-JS-317

April 72